Assignment- II

1. Alter the table “Faculty “to add a new column “Designation”. Possible designations are Professor, Assistant Professor, Lecturer and Teaching assistant.
2. Populate the table to include the Designation values.
3. Retrieve the number of Professors in ECE department.
4. Retrieve the number of Assistant Professors, departmentwise.
5. What is the average salary of each department?
6. What is the average salary of each department, designation -wise?
7. Insert a few faculty members with salary as “null”
8. Retrieve the faculty members with “null” salary;
9. What is the average salary of each department? Compare the response with that of QN (5). Why is it so?
10. Retrieve the average salary of each department only if average salary is greater than 5,000.
11. Retrieve the department wise average salary for assistant professors if average salary is greater than 5,000.
12. If every teaching assistant is given a 15% salary hike, what would be their new salary?
13. Every teaching assistant are given a 15% salary hike, if their current salary is less than 10,000. Update and retrieve new salaries.
14. What is the difference in Qn(9) and Qn(10)?
15. Find the courses offered by each faculty using “where” clause.
16. Find the courses offered by each faculty using “natural join”
17. Find the names of all faculty whose salary is greater than at least one faculty in the

‘CSE’ department.

1. Retrieve the students whose name has exactly 6 alphabets.
2. Retrieve the students in alphabetical order.
3. Retrieve the students in alphabetical order with decreasing order of admission year.